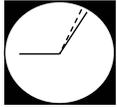




4½ minutes

Whole-Class Seatwork: Class goes over answers to homework

The teacher starts the lesson by reviewing what they did previously. She reminds the class that they read about the structure of the heart and answered questions for homework (i.e., Basic Subject Matter Four, Assignments Six, Seven, and Eight). The class goes over answers to Assignment Six, which is labeling parts of a heart in a diagram.



1 minute

Whole-Class Practical Work: Teacher uses a model heart in class discussion

The class continues going over their answers to Assignment Six. At this point, the teacher shows the class a model heart to indicate the left and right ventricles. She points out the pulmonary artery, stating it comes out of the right ventricle and is colored blue. She points out the aorta in similar fashion, stating it comes out of the left ventricle and is colored red. The teacher draws students' attention to the blue and red colors that deoxygenated and oxygenated blood, respectively, and asks if the students colored their diagrams correctly.



1½ minutes

Whole-Class Seatwork: Class goes over answers to homework

The teacher solicits questions from the students regarding the heart and the model. Students ask about the size of a human heart. The teacher elaborates with an example of a chicken's heart. Through this discussion the teacher emphasizes structure and function of the heart, stating that a large body has to pump more blood, so the heart also has to be large. The class finishes going over the answers to Assignment Six, then proceeds with Assignment Seven.



3½ minutes

Whole-Class Practical Work: Teacher uses a model heart in class discussion

While going over the answers to Assignment Seven, the teacher uses the model heart to illustrate the coronary arteries, coronary veins, the left and right ventricles, the left and right atria, and the heart valves. She engages students in a discussion about their various functions.



3½ minutes

Whole-Class Seatwork: Class goes over answers to homework

The class goes over the answers to Assignment Eight. They talk about and clarify the pulmonary blood circulation and the systemic blood circulation.



1 minute

Whole-Class Seatwork: Class develops new content

The teacher introduces the new material for today, Basic Subject Matter Five. She informs the class that she will first describe the diagrams in the textbook and they will read the text a later time. They talk about the atria in one of the diagrams and discuss where the blood travels from there.



4 minutes

Whole-Class Practical Work: Teacher uses a model heart in class discussion

The teacher uses the model heart to help illustrate the path with which blood travels. She asks students questions and she elaborates on their responses by using the model. She also draws on a real-world scenario of a doctor using a stethoscope to listen to one's heartbeat. She describes the heartbeat as the opening and closing of heart valves.



1 minute

Whole-Class Seatwork: Class discusses structure and function of the heart

The class concludes their discussion about the heart. The teacher asks if anyone has any remaining questions. She introduces their assignment for Basic Subject Matter Five and talks about what follows, drawing their attention to their day planner.



17 minutes

Independent Seatwork: Students answer questions in book

Students sit at their tables and work on the questions in Basic Subject Matter Five of their textbook. They write their responses in their respective workbooks. Students mostly work individually, but there is also quiet talking between neighbors. Meanwhile, the teacher is walking around the room assisting students.



4 minutes

Whole-Class Seatwork: Class goes over answers to questions in book

The class goes over the answers to Basic Subject Matter Five. The teacher calls on individual students to read their sentence descriptions about the heart. She follows-up with questions that cause students to elaborate on their explanations. In conclusion, she asks if anyone has questions about the heart, then assigns the homework assignment (Basic Subject Matter Six).



4 minutes

Science Organization: Students prepare to leave

Students put away their workbooks. They socialize with one another and with the teacher as they wait for the bell to ring.